

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A vacuum ultraviolet radiation excited light-emitting device comprising a discharge space filled with a rare gas between a front faceplate and a rear faceplate, wherein the front faceplate is that which faces the observer, and a fluorescent material layer provided on the front faceplate, the fluorescent material layer having a thickness of not more than about 7 μm .

2. (original): The vacuum ultraviolet radiation excited light-emitting device according to claim 1, further comprising a fluorescent material layer on the rear faceplate.

3. (original): The vacuum ultraviolet radiation excited light-emitting device according to claim 2, which is a rare gas lamp.

4. (original): The vacuum ultraviolet radiation excited light-emitting device according to claim 3, wherein the fluorescent material layer on the rear faceplate has a thickness of not less than about 30 μm .

5. (original): The vacuum ultraviolet radiation excited light-emitting device according to claim 2, which is a plasma display panel.

6. (original): The vacuum ultraviolet radiation excited light-emitting device according to claim 5, wherein the fluorescent material layer on the rear faceplate has a thickness of not more than about 20 μm .

7. (original): The vacuum ultraviolet radiation excited light-emitting device according to claim 1, wherein the fluorescent material having an average primary particle diameter of not more than about 1 μm .

8. (new): The vacuum radiation excited light-emitting device according to claim 2, wherein the fluorescent material layer is represented by $\text{Y}_2\text{O}_3\text{:Eu}$, $\text{Y}_2\text{O}_2\text{S:Eu}$, $(\text{Y}, \text{Gd})\text{BO}_3\text{:Eu}$, $\text{BaAl}_{12}\text{O}_{19}\text{:Mn}$, $\text{BaMgAl}_{10}\text{O}_{17}\text{:Mn}$, $\text{BaMgAl}_{14}\text{O}_{23}\text{:Mn}$, $\text{Zn}_2\text{SiO}_4\text{:Mn}$, $\text{BaMgAl}_{10}\text{O}_{17}\text{:Eu}$ or $\text{BaMgAl}_{14}\text{O}_{23}\text{:Eu}$.